

# **BUREAU OF INDIAN STANDARDS**

## **(HYDERABAD BRANCH OFFICE)**

### **REPORT OF INVESTIGATION OF COMPLAINT AT COMPLAINANT END**

Our Ref : P-18626

Date:21-08-24

Subject: Quality of BIS Certified Products

Complaint Against : **M/s SPECTRA FIRE SYSTEMS PVT. LTD.**

Our Licensee under DLBO1 Branch Office

#### 0. General

0.1 Complaint No & Date : P-18626 dated 11.07.24

0.2 Name & Address of Complainant: Shri Sudhir Kumar Sharma, Nuclear Fuel Complex,  
Govt. of India - Dept. of Atomic Energy, ECIL Post, Hyderabad, Telangana- 500062

0.2.1 Name & Address of Recipient:

0.3 Product and IS No. : IS 15683-PORTABLE FIRE EXTINGUISHERS

0.4 Nature of Complaint : Complaint is regarding sub-standard quality of ISI marked  
Fire Extinguishers

0.5 Licence No : CM/L- 2531748

#### 1 Details of Investigation

1.1 Place & Date of Investigation : 07-08-24 - Nuclear Fuel Complex, Govt. of India - Dept.  
of Atomic Energy, ECIL Post, Hyderabad, Telangana- 500062

1.2 Persons Contacted : Mr Sudhir Sharma, Dy Chief Fire Officer

1.3 Product : PORTABLE FIRE EXTINGUISHERS-

1.3.1 Date of Purchase : Through GEM Contract dated 03-02-21

1.3.2 Total Quantity Purchased : 100 No

1.3.3 Quantity under Complaint : 100 No

1.3.4 Source of Purchase and details/cashmemo : Purchased through GEM.Copy of order  
Enclosed -Annex-1)

1.3.5 Material under complaint Inspected/

Repaired/Handled by any other agency

e.g. DGS&D, Local Dealer/Mechanics : No.

1.3.6 IPs product under warranty/service contract : Yes as informed by complainant

1.3.7 Action Taken by the licensee for redressal : Licensee has acknowledged the complaint from complainant Redressal is under process by licensee. The email from licensee to complaint is enclosed as Annex-2

1.4 Inspection of Material under complaint

1.4.1 Is Material ISI Marked or Not : ISIMarked

1.4.2 Whether ISI mark genuine or spurious : Genuine

1.4.3 Details of Marking on the product : Year of Manufacture :2021 & other Markings as per clause 10 of IS 15683.

1.4.4 Conditions of Marking : Satisfactory

1.4.5 Visual Examination : Satisfactory

1.4.6 Observations in respect of 0.3 : Satisfactory

**1.4.7 Result of Testing at complainant : Samples found non conforming to ISS during testing at complainant site. Please refer Annex-3 for Test report**

1.5 Testing

1.5.1 Details of sample drawn for I/T : Not drawn in view of samples were found non conforming to ISS during testing as mentioned at SI no 1.4.7

1.5.2 Test request ref & Date : NA

1.5.3 Laboratory to which sent : NA

1.5.4 Date of Dispatch of sample : NA

1.6 Any other Relevant Information with respect to complaint : The office of the complainant i.e Fire Safety Department, Nuclear Fuel Complex where the material has been purchased and installed was having test facility for parameters Burst Test and Hydraulic Pressure Test. Hence factory testing has been carried out at the complainant site against the material under complaint

1.7 **Conclusions & Recommendations:** The samples drawn from the material under complaint when tested during the complainant investigation is found non conforming to ISS. In view of the above complaint is found genuine and established. Licensee end investigation may be carried out and licensee may be advised to arrange redressal of the complaint as per guidelines

Signature :



Name : Rakesh Tanneeru

Designation : Scientist-D

**HHYBO**



## Contract

Contract No: GEMC-511687758128967

Generated Date:03-Feb-2021

Bid/RA/PR No:GEM/2020/B/865307

<b>Organisation Details</b>				<b>Buyer Details</b>			
Type:	Central Government			Designation:	APO A3		
Ministry:	PMO			Contact No.:	022-25486170-		
Department:	Department of Atomic Energy			Email ID:	buyer7.dae.mh@gembuyer.in		
Organisation Name:	N/A			GSTIN:	-		
Office Zone:	Directorate Of Purchase And Stores			Address:	DIRECTORATE OF PURCHASE AND STORES V. S. BHAVAN ANUSHAKTINAGAR, MUMBAI, MAHARASHTRA-400094, India		
<b>Financial Approval Detail</b>				<b>Paying Authority Details</b>			
IFD Concurrence:	No			Payment Mode:	Offline		
Designation of Administrative Approval:	Sr. DGM (FS&AS)			Designation:	PAO		
Designation of Financial Approval:	DCA (B)			Email ID:	spao@dpsdae.gov.in		
				GSTIN:	N		
				Address:	DIRECTORATE OF PURCHASE AND STORES V. S. BHAVAN ANUSHAKTINAGAR, Mumbai - City, MAHARASHTRA-400094, India		
<b>Seller Details</b>							
GeM Seller ID:	F9BB180000110309						
Company Name:	SPECTRA FIRE SYSTEMS PRIVATE LIMITED						
Contact No.:	09868602033						
Email ID:	firesquad105@gmail.com						
Address:	257,257 Aggarwal City Mall Plot No.3, Road No-44, Pitampura,Delhi, North West delhi, DELHI-110034, -						
MSME verified:	Yes						
GSTIN:	07AAJCS1177J1Z2 , 07AAJCS1177J1Z2 , 07AAJCS1177J1Z2						
*GST / Tax invoice to be raised in the name of - Consignee							
<b>Product Details</b>							
#	Item Description	Category Name	Model	HSN Code	Ordered Quantity	Unit	Price (Inclusive of all Duties and Taxes in INR)
1	Portable Fire extinguishers as per IS 15683 (2018)	Portable Fire extinguishers as per IS 15683 (2018)	FSP-GC-6	HSN not specified by seller	100	pieces	165,200 (1,40,000)
Total Order Value (in INR)							165,200
<b>Consignee Detail</b>							
S.No	Consignee	Item	Lot No.	Quantity	Delivery Start After	Delivery To Be Completed By	
1	Designation: - Email ID: asols.amd@gov.in Contact: 040-27123020- GSTIN: 36AAAGA0671E1ZY Address: AMD LAB STORES NEAR NFC, HYDERABAD, TELANGANA-500062, India	Portable Fire extinguishers as per IS 15683 (2018)	-	100	03-Feb-2021	04-May-2021	
<b>Product Specification for Portable Fire extinguishers as per IS 15683 (2018)</b>							
Specification	Sub-Spec	Value					
	Conformity to Standard	IS: 15683: 2018 (Latest amendments)					

Generic	Type	Gas Cartridge Type (as per IS 4947)
	Extinguishing Media	Powder Based (as per IS 4308 )
	Expellant Medium	CO2 Cartridge Based
Constructional Material	Type of Extinguisher	Low Pressure Extinguisher (Service Pressure ?19 bar)
	Material Specification for the body of High Pressure Extinguisher (Hint: Select NA Low Pressure Extinguisher)	NA
	Material Specification for the body of Low Pressure Extinguisher (Hint: Select NA High Pressure Extinguisher)	Welded low carbon steel cylinders (as per Clause 9.2.5 of IS 15683)
Construction	Foam Based Extinguishing Media (Hint: Select NA for Extinguishing Media other than Foam Based)	NA
	Powder Based Extinguishing Media (Hint: Select NA for Extinguishing Media other than Powder Based)	BC
	Type of Clean Agent for Clean Agent Based Fire Extinguisher (as per CL 5-1-3) (HINT: Select NA for other Extinguishing Media)	NA
	Name of Clean Agent as per (CL 3-13) (HINT: Type NA for other Extinguishing Media)	NA
	Foam Based Fire Extinguisher Capacity in Liters (Hint: Select NA for Extinguisher Capacity other than Foam Based)	NA
	Powder Based Fire Extinguisher Capacity in Kg (Hint: Select NA for Extinguisher Capacity other than Powder Based)	6
	Carbon Dioxide Based Fire Extinguisher Capacity in Kg (Hint: Select NA for Extinguisher Capacity other than CO2 Based)	NA
	Water Based Fire Extinguisher Capacity in Liters (Hint: Select NA for Extinguisher Capacity other than Water Based)	NA
	Clean Agents Fire Extinguisher Capacity in Kg (Hint: Select NA for Extinguisher Capacity other than Clean Agents Based)	NA
	Water Mist Fire Extinguisher Capacity in Liters (Hint: Select NA for Extinguisher Capacity other than Water Mist Based)	NA
	Weight of Filled Portable Fire Extinguisher	12.5
	Features of Fire Extinguisher	Carrying Handle (Mandatory If Extinguisher having mass ?1.5Kg or Cylinder diameter,Safety Devices (Mandatory for High Pressure Extinguisher),Rechargeable,Hose Assemblies (Mandatory If mass or volume of Extinguishing medium > 3 Kg or Litres),NA
	Marking	As per clause 10.2 of IS 15683 (latest)
	Colour Coding Band (As per CL 10-1)	Blue (Powder)
	Presssure Gauge Range for Low-Pressure Extinguishers (Hint: must be ? 20 and type 0 for High-Pressure Extinguishers)	0
	Class of fire for which Fire Extinguisher is suitable	Class -B
Performance	Operating Temperature (°C)	-10°C to +60°C
	Test Pressure for all Fire extinguisher except CO2 (Hint: must be ? 35 and type 0 for CO2 based Fire Extinguishers)	35
	Burst Pressure for all Fire extinguisher except CO2 (Hint: must be ? 55 and type 0 for CO2 based Fire Extinguishers)	55
	Minimum Effective discharge time for Fire Extinguisher	13
	Fire Rating of different class of fires (Hint: Higher is better)	89B
	Discharge Range of Class-A and Class-B Fire Extinguisher (As per table 1 of CL 7-2-2) (Hint : ? 2 in case applicable on	



	Class-A or Class A & B both / ?1 in case applicable on Class-B only)	3
Certification	BIS Marking	Yes
	CM/L No With Validity Period	2531748 31/10/2021
	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Availability of Test Report from NABL accredited Laboratory
	Test Report No	1697
	Test Report Date	14/06/2019
	Name of the lab	AFTRL
	Address of the lab	B-3 Mangolpuri

## Terms and Conditions

### 1. General Terms and Conditions

**1.1** This Contract between the Seller and the Buyer, is for the supply of the Goods and/ or Services, detailed in the schedule above, in accordance with the General Terms and Conditions (GTC) as available on the GeM portal (unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable

**1.2 Terms of delivery:** Free Delivery at Site including loading/unloading. In respect of items requiring installation and / or commissioning and other services in the scope of supply (as indicated in respective product category specification / STC / ATC), and the cost of the same is also included in the Contract price.

**1.2.1** Contracted goods should be delivered at the consignee or designated delivery location as per the working time of the buying organisation. Seller may get the same confirmed from consignee before scheduling delivery.

**1.2.2** A copy of the contract should be available with the messenger / dispatching agency that delivers the Goods at consignee / delivery location (preferably pasted / attached outside the consignment / package) for easy reference and ease in delivery acceptance.

**1.3 Delivery period:** The Delivery Period/Time shall be essence of the Contract and delivery must be completed not later than such date(s). Any modification thereto shall be mutually agreed and incorporated in the Contract as per the provisions of the GTC.

**1.4 Performance Security:** If the Seller fails or neglects to observe or perform any of his obligations under the contract it shall be lawful for the Buyer to forfeit either in whole or in part, the Performance Security furnished by the Seller.

**1.5 Taxes and Duties:** Contract Prices are all inclusive i.e. including all taxes, duties, local levies / transportation / loading-unloading charges etc. Break up of GST shall be indicated by the Seller while raising invoice / bill on GeM. While submitting the bill / invoice Seller shall undertake that the Goods and Services Tax (GST) charged on this bill is not more than what is payable under the provision on the relevant Act or the Rules made there under and that the Goods on which GST has been charged have not been exempted under the GST Act or the Rules made there under and the charges on account of GST on these goods are correct under the provision of that Act or the rules made there under.

**1.6 Octroi Duty and / or other local taxes:** Contract Prices are all inclusive hence no reimbursement over and above the contract price(s) shall be allowed to seller towards payment of local taxes (such as levy of town duty, Octroi Duty, Terminal Tax and other levies of local bodies etc).

**1.7 Limitation of Liability:** The provisions of limitation of liability between Buyer and Seller as given in the GTC shall be applicable here.

**1.8 Resolution of disputes:** The provisions of DISPUTE RESOLUTION BETWEEN BUYER AND SELLER as given in the GTC shall be applicable here.

**1.9 Liquidated Damages:** If the Seller fails to deliver any or all of the Goods/Services within the original/re-fixed delivery period(s) specified in the contract, the Buyer will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid, @ 0.5% per week or part of the week of delayed period as pre-estimated damages not exceeding 10% of the contract value without any controversy/dispute of any sort whatsoever. In case, Service Level Agreement (SLA) is applicable the same shall be applicable for the Contract.

#### 1.10 Financial Certificate:

**1.10.1** The expenditure involved for this purpose has received the Sanction of the competent financial authority.

**1.10.2** The funds are available under the proper head in the sanction budget allotment for the concern financial year.

**1.10.3** I have been fully authorized by the department to sign the supply order or incur the liability of the Goods being ordered.

**1.11** The bidder should submit a self declaration to the effect in bidder's official letter head that their agency have not been black listed by any Agency whatsoever till date.

### 2. Additional Terms and conditions

Zimbra

dcfo@nfc.gov.in

**Re: Information about the incident of extinguishers supplied vide GEMC-511687758128967, Dated-03.02.2021**

**From :** Spectra Fire <spectrafire101@gmail.com>

Tue, Jul 30, 2024 10:35 AM

**Subject :** Re: Information about the incident of extinguishers supplied vide GEMC-511687758128967, Dated-03.02.2021

**To :** सुधीर कुमार शर्मा / Sudhir Kumar Sharma <dcfo@nfc.gov.in>

**Cc :** spectrafire121 <spectrafire121@gmail.com>, cvo <cvo@bis.gov.in>, info <info@bis.gov.in>, support <support@spectrafire.in>, M SEENAIAH <seenaiah@nfc.gov.in>

External images are not displayed. [Display images below](#)

Dear Sir,

This is a reference to the above-mentioned subject. I would like to inform you that the process of manufacturing the rings is in process but may take a little longer. As far as the status as of date seems that it may get ready by 16th August 2024 and hopefully we shall dispatch them latest by 20th August 2024.

Due to some natural calamities like heavy rains and floods etc the manpower shortage and due shortage of raw materials etc it got delayed.

We hope you understand us. We shall be highly obliged by your kind support & cooperation.

Thanking you

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Waiting for a favorable response & support from your end.

**Regards,**

**Pradeep Kumar**

**Account Officer**

OFFICE: 257, AGGARWAL CITY MALL, PLOT NO-3, ROAD NO 44, PITAMPURA, NEW DELHI-110034

Contact:- +91 8802039814

Web: [www.spectrafire.in](http://www.spectrafire.in)



## TEST REPORT

Product	Portable Fire Extinguishers			
IS No	IS 15683 : 2018			
Variety	Powder based(BC),Nomianal Charge capacity : 6kg, Fire Rating : class B, Low Pressure Extinguisher			
Details of the Manufacturer	M/s Spectra Fire Systems Private Limited(BIS CM/L: 2531748-IS 15683 :2018)			
Order Details	GEMC-511687758128967 dated 03-02-2021			
Customer	Nuclear Fuel Complex,Hyderabad			
Place of testing	Fire Service section, Nuclear Fuel Complex			
DOM/BNO	2021			
Date of Testing	07-08-2024			
Test pressure Decl	35 Bar			
Sl no	Paramter	Specified Requirement	Result	Remarks
1	Burst Test	To meet the requiremements as specified in clause 9.2.2.1,9.2.2.2,9.2.2.3,9.2.2.4,9.2.2.5, 9.2.2.6 of IS 15683 :2018	Does not conform	During the Burst test, part of extinguisher i.e cap found ejected from extinguisher at 10 Bar
	Hydraulic Pressure test	to meet requirements as specified in clause 12.2 of IS 2190 : 2010 & ANNEX-E	Does not conform	Leakage obseved at 10 Bar before acheiving Test pressure

*Sudhir*  
7/8/24  
**सुधीर कुमार शर्मा / Sudhir Kumar Sharma**  
उप-मुख्य अभियंता/अधिकारी/Dy. Chief Fire Officer  
भारत सरकार/Government of India  
परमाणु ऊर्जा विभाग/Department of Atomic Energy  
नाभिकीय ईंधन सम्प्लिन्न/Nuclear Fuel Complex  
हैदराबाद/Hyderabad-500 062.

*Sudhir*  
7/8/24  
1. Sudhir  
Sub Officer

**राकेश तन्नीरु / RAKESH TANNEERU**  
वैज्ञानिक - D / संयुक्त निदेशक / Scientist - D / Joint Director  
भारतीय मानक ब्यूरो / BUREAU OF INDIAN STANDARDS  
प्लॉट नं. १, सर्वे नं ३६७ १, इंडस्ट्रियल डेवलपमेंट पार्क  
प्लॉट No. 1, Survey of 367/1, Industrial Development Park  
जड टी एस-एन एफ सी मैन रोड / ZTS-NFC Main Road  
मौला-अली, हैदराबाद / Moula-Ali, Hyderabad-500 040.